

Product datasheet

Specifications



CANopen X80 Master

BMECXM0100

Main

Range of product	Modicon X80
Product or component type	CANopen communication module
Structure type	Open industrial fieldbus

Complementary

Product compatibility	M580 PLC
Physical interface	DB9 connector
Method of access	CSMA/CA CANopen
Mode of transmission	NRZ
Transmission support medium	CANopen twisted shielded pairs cable
Transmission rate	20 kbit/s, 2500 m bus for CANopen with repeater 50 kbit/s, 1000 m bus with repeater 125 kbit/s, 500 m bus with repeater 250 kbit/s, 250 m bus with repeater 500 kbit/s, 100 m bus without repeater 1 Mbit/s, 20 m bus without repeater
Number of slave	63
Communication service	CiA DSP 301 V4.02
[Us] rated supply voltage	24 V DC internal
Current consumption	100 mA
Module format	Standard

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-45...85 °C
Relative humidity	10...95 % without condensation
Operating altitude	<= 2000 m
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	11.0 cm
Package 1 Length	12.5 cm
Package 1 Weight	181.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.0 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)